

Chapter 37 Circulatory and Respiratory Systems**Section Review 37-1****Reviewing Key Concepts**

Short Answer *On the lines provided, answer the following questions.*

1. What is the function of the heart?

2. What does blood carry throughout the body?

3. In what direction do all arteries carry blood?

4. In what direction do all veins carry blood?

5. What role do capillaries play in the circulatory system?

Reviewing Key Skills

Completion *On the lines provided, complete the paragraph using the terms lungs, pulmonary veins, aorta, pulmonary arteries, superior vena cava, left atrium, right atrium, left ventricle, and right ventricle.*

A large vein called the _____ brings the blood from
6.

the upper part of the body to the heart, where it enters the _____.
7.

The blood is pumped out of the right atrium into the _____ and
8.

travels through the _____ to the _____, where
9. 10.

it picks up oxygen. From the lungs, blood travels through the _____
11.

and returns to the heart, where it enters the _____. Finally, the
12.

blood is forced from the _____ into
13.

the _____, which carries it to the tissues of the body.
14.

15. **Comparing and Contrasting** A stroke may also be referred to as a "brain attack". In what ways is a stroke similar to a heart attack?

